



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/469,982	12/21/1999	REUVEN MOSKOVICH	082771.P262	5627

7590 07/13/2004  
WILLIAM W SCHAAL  
BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP  
12400 WILSHIRE BOULEVARD 7TH FLOOR  
LOS ANGELES, CA 90025

EXAMINER
----------

NGUYEN, PHUONGCHAU BA

ART UNIT	PAPER NUMBER
----------	--------------

2665

13

DATE MAILED: 07/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/469,982

Applicant(s)

MOSKOVICH ET AL.

Examiner

Phuongchau Ba Nguyen

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 4-27-04 amendment.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,4,5,8,9,11,14,15 and 18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,4,5,8,9,11,14,15 and 18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

*Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 4-5, 8-9, 11, 14-15, 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walker (6,233,613) in view of Guttman (5,898,837).

Regarding claims 1, 9, and 11:

Walker discloses a method for a probe 52/130 to negotiate a common mode of communication between two nodes (42/110 & 44/120), comprising:

a) establishing a first communication path 46a/160 between the probe and a first node 42/110 including negotiating a mode of operation with the first mode {col.2, lines 43-45};

b) establishing a second communication path 46b/150 between the probe and a second node 44/120 including negotiating a mode of operation with the second mode {col.2, lines 46-47};

c) establishing a third communication path 140 through the probe {fig.3}, the third communication path 140 coupling the first 160 and second 150 communication paths by establishing a point to point link between the first and second nodes in series in order to provide a negotiated common mode of operation between the first node 110 and the second node 120 by comparing the mode of operation with the first node and the mode of operation with the second node and selecting one of multiple communication paths through the probe as the third communication path to provide a common mode of operation between the first node and the second node {col.2, lines 53-64}, wherein the probe includes a bypass mode in which data bypasses the probe and a pass through mode in which data is monitored by the probe {col.2, lines 10-65}.

Walker does not explicitly disclose the probe includes a bypass mode in which data bypasses the probe and a pass through mode in which data is monitored by the probe. However, in the same field of endeavor, Guttman (5,898,837) discloses a bypass circuit embodied in the probe. Therefore, it would have been obvious to apply Guttman's teaching to Walker's system with

the motivation being to avoid interruption on the communication link between the stations connected to the probe when the probe is powered down as explicitly suggested in Walker on column 2, lines 8-13, 28-30.

Regarding claims 4, 14:

Walker further discloses wherein negotiating a mode of operation with the first node comprises negotiating a speed of a transmission of data over the first communication path between the probe and the first node {col.2, lines 48-49}.

Regarding claims 5, 15:

Walker does not explicitly disclose the claimed features. However, in the same field of endeavor, Guttman further discloses wherein negotiating a mode of operation with the first node comprises negotiating one of half duplex and full duplex communication over the first communication path between the probe and the first node {col.3, lines 9-11}. Therefore, it would have been obvious to an artisan to apply Guttman's teaching to Walker's system with the

motivation being to allow monitoring of all traffic between the switch and network devices in either directions.

Regarding claims 8, 18:

Walker further discloses the common mode of operation between the first node and the second node is the best mode of operation available between the first node and the second node {col.2, lines 55-56}.

*Response to Arguments*

5. Applicant's arguments filed 4-27-04 have been fully considered but they are not persuasive.

A/. Applicant argued that Walker does not teach "establishing a first communication path between the probe and a first node including negotiating a mode of operation with the first node...establishing a second communication path between the probe and a second node including negotiating a mode of operation with the second node...and...establishing a third communication path through the probe, the third communication path coupling the first and second

communication paths *by establishing a point to point link between the first and second nodes in series* in order to provide a negotiated common mode of operation between the first node and the second by comparing the mode of operation with the first node and the mode of operation with second node and selecting one of multiple communication paths through the probe as the third communication path to provide a common mode of operation between the first node and the second node, wherein the probe includes a bypass mode in which data bypasses the probe mode in which data bypasses the probe and a pass through mode in which data is monitored by the probe.”

In reply, applicant is directed to Walker’s figures 1 b–4 wherein Walker does teach “establishing a first communication path (150/160, figs.2–3) between the probe (130, figs.2–3; 52, fig.1 c) and a first node (110,figs.2–3; 42, fig.1 c) including negotiating a mode of operation with the first node...establishing a second communication path (150/160, figs.2–3; 46a, fig.1 c) between the probe (130, figs.2–3; 52, fig.1 c) and a second node (120, figs.2–3; 44, fig.1 c) including negotiating a mode of operation with the second node...and...establishing a third communication path (140, fig.3) through the

probe, the third communication path coupling the first and second communication paths by establishing a point to point link between the first and second nodes in series {col.2, lines 34-36} in order to provide a negotiated common mode of operation between the first node and the second by comparing the mode of operation with the first node and the mode of operation with second node and selecting one of multiple communication paths through the probe as the third communication path to provide a common mode of operation between the first node and the second node, wherein the probe includes a bypass mode in which data bypasses the probe mode in which data bypasses the probe and a pass through mode in which data is monitored by the probe {col.2, lines 17-19}.

### *Conclusion*

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).



A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchau Ba Nguyen whose telephone number is 703-305-0093. The examiner can normally be reached on Monday-Friday from 10:00 a.m. to 2:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 703-308-6602. The fax phone numbers for the organization where this application or proceeding is

Art Unit: 2665

assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

*PN*

Phuongchau Ba Nguyen  
Examiner  
Art Unit 2665

July 9, 2004

DUCHO  
PRIMARY EXAMINER

*Ducho*

*7-9-04*